

ADCO BONDING SLURRY 271T

Cementitious-based twin-pack structural bonding medium

ADCO
Construction-
and Mining
Chemicals

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technical data sheet

DESCRIPTION

ADCO Bonding Slurry 271T is a two-component cementitious-based polymer modified slurry system, formulated for structural bonding of new concrete / plaster / screed / grout / repair mortar, etc to existing concrete or masonry.

The product is supplied in kit form, the powder component being a cement-based, chemically refined binder, whereas the liquid component is in the form of a high solids content styrene acrylic copolymer.

TYPICAL USES

The Substrate

Existing cured concrete substrates to receive a new bonded layer are carefully prepared by a mechanical scabbling to form mechanical key. (If in doubt about strength values, we advise to rely on core drilling and testing for in-situ compressive strength.) Any unsound areas are cut back square and repaired with a structural formulated material such as ADCO Plastrep 321 (trowel-on) or ADCO Cemgrout 310A (castable) onto a bonding medium.

Any existing surface coating or treatments and contamination are removed by the scabbling / scarifying process. The surface is then cleaned free from dust and saturated thoroughly with clean water for a minimum of 24 hours, after which any ponding water is removed.

The final prepared surface shall be structurally sound, water-saturated, clean and keyed.

Mixing and Application

Mix by mechanical controlled-speed drill the bonding slurry in the supplied kit form (powder and liquid component) to a lump-free smooth and even consistency. The mixed slurry is continuously agitated. No water is added. The bonding slurry is applied by stiff bristle, broom or brush onto the saturated, damp, prepared substrate.

While always maintaining a wet edge, the new material (concrete, screed, etc) is placed without delay onto the wet slurry.

ADCO Bonding 271T is suitable for types N as well as R setting Portland cements (and blends).

Cleaning

After use, tools and accessories shall be cleaned with water without delay. Once the product has reacted, it can only be removed by mechanical means. Please prevent any contact with aluminium finishes.

SAFETY

ADCO Bonding Slurry 271T is not considered toxic or dangerous, however standard industrial precautions apply such as protective clothing, gloves and eye goggles. Cementitious-based products are alkaline and hence may cause irritation to the skin and eyes.

Remember : Keep away from children, handle responsibly and consider the environment

PACKAGING AND STORAGE

ADCON Bonding Slurry 271T is supplied in ready-packed kit form.

Shelf life – We advise to use cementitious-based products within 6 months from manufacturing date.

Storage – Store in a dry, cool place away from concrete or masonry surfaces.

UPDATE

May 2017.

This supercedes all previous documentation.